

Colloids and Surfaces A: Physicochemical and Engineering Aspects 177 (2001) 257 COLLOIDS

www.elsevier.nl/locate/colsurfa

Author Index

Amirtharajah, A., 99 Anderson, M.A., 123

Baldwin, J.L., 111 Bob, M.M., 215 Bundschuh, T., 47

Cannon, F.S., 157 Chander, S., 85, 169, 183 Chou, C.C., 235

Dambies, L., 203 Dempsey, B.A., 85, 111, 157 Dennett, K.E., 99 DePaoli, D.W., 223

Fernandes, E.G., Jr., 75 Foglia, S., 3 Frederick, H.T., 157 Fuerstenau, D.W., 147

Gauden, P.A., 57 Guibal, E., 203 Guimon, C., 203

Gupta, V.K., 169

Hogg, R., 87 Huang, P., 147 Hu, M.Z.-C., 223

Iyer, R.S., 69

Kim, J.I., 47 Knopp, R., 47

Loux, N.T., 123

Mahmood, T., 99 Mauro, J.M., 197 Mohan, D., 169, 183

Ososkov, V., 235 Osseo-Asare, K., 85, 247

Pazirandeh, M., 197 Piotto, S.P., 13 Pullammanappallil, P.C., 69 Rattanakawin, C., 87 Regina Alcantara, M., 75 Righini, M., 3

Shor, J.T., 223 Somasundaran, P., 235 Srivastava, S.K., 169 Stanmore, B.R., 69 Sturm, T.W., 99 Suber, L., 3 Subramaniam, K., 133

Terzyk, A.P., 23, 57 Tsouris, C., 133, 223

Walker, H.W., 215

Yiacoumi, S., 133, 203 Ying, T.-Y., 223

Zeng, X., 247 Zhang, L., 235





Colloids and Surfaces

A: Physicochemical and Engineering Aspects 177 (2001) 259-260

www.elsevier.nl/locate/colsurfa

Subject Index

Acid mine drainage treatment, 183 Activated carbon, 23, 57, 157, 169 Activated carbons, 183 Adsorbent, 183 Adsorption, 23, 57, 157, 169, 183 Aggregate size, 87 Aquatic colloids, 47 Aqueous, 247 Aqueous Cd and Pb speciation, 147

Breakdown detection, 47 Brownian motion, 111

Cadmium and lead adsorption, 147 Cadmium sulfide nanoparticles, 3 Calcium, 157 Carbonaceous material, 169 Chitosan, 203 Cholesteric liquid crystals, 75 Colloidal particle, 215 Colloidal particles, 99 Column, 235 Competitive adsorption, 183

Decontamination, 235 Diffuse double layer, 69 Dipole energy, 123 Distributions, 87 DLVO theory, 111 Dye-laser, 47

Electrocoagulation, 223 Equilibrium, 133 Escherichia coli, 197

Ferric, 183 Ferrous, 183 Flotation, 235 Flocculation, 87 Flyash, 69 FTIR, 23

Glutaraldehyde cross-linking, 203

Heavy metals, 183 Hematite, 247 Hydration energy, 123 Hydrophobic, 235

Interfacial oxidation-reduction potential, 123 Interfacial pH, 123

Kinetics, 23, 133

Laolinite, 99 Leaching, 69 Liquid crystals, 13, 75

Magnetic seeding, 223 Magnetic separation, 223 Magnetite, 223 Manganese, 183 Membranes, 13 Mercury removal, 169 Metal sorption, 203 Metal uptake, 133 Micromechanics, 99 Microporosity, 57 Mobile ion activity, 123

Nanoparticles, 3 Natural organic coatings, 215 Nd-YAG-laser, 47 Neurospora crassa, 197

Oligomers, 197 Organized systems, 75 Overall mass transfer coefficient, 69 Oxide particles, 133

Paracetamol, 23 Particle flocculation, 133 Photoreduction, 203

Phthalate, 157 Polymer-induced coagulation, 215 Pore diameter, 57 Potential theory, 57 Pseudoplastic behavior, 75 Pyrite, 247

Quartz and talc adsorbents, 147

Remediation, 235 Rheologic comportment, 75 Rheology, 75

Salicylate, 157 Soil cleaning, 235 Sol-gel synthesis, 3 Solid waste utilization, 169 Structured water, 111 Surface groups, 23 Surfactants, 13 Suspension stability, 147

Thermal analysis, 23 Topology, 13 Transition, 13

Wastewater treatment, 169

XPS, 23 X-ray photoelectron spectroscopy, 203

Zinc, 183

